



REC 16-153

Knollwood Energy of MA LLC
P.O. Box 30
Chester, New Jersey 07930

January 14, 2016

Debra A. Howland
Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

NHPUC 19JAN16PM2:54

Dear Ms Howland,

Enclosed please find applications for 12 systems to be part of the Knollwood Energy of MA LLC (NH-II-13-089) Class II Photovoltaic aggregation for New Hampshire Renewable Energy Certificates (RECs) generated from customer-sited sources, pursuant to New Hampshire Code of Administrative Rules Puc 2506.

Also enclosed are the Simplified Process Interconnection Application and Service Agreement, and the Certificate of Completion.

Electronic versions have been entered into the new online application system under batch number KN16007.

Michael Abbott
Doug Averill
Barrington Rollinsford Mill/Jack Bingham
Timothy Bohlin
Matt Boyer
Alan Brady

Derek Brown
George Chase
John Chirico Jr.
David Ciarla
Bruce Courtney
Shawn Hassell

Please feel free to contact me with any questions or further instructions.
Thank you for your consideration,

Linda Modica
New England REC Operations Manager
Knollwood Energy of MA LLC
973.879.7826
linda@knollwoodenergy.com

NH Public Utilities Commission
REC Aggregator Portal

New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

Basic Information

Who is submitting this request?

Aggregator

Aggregator Batch Number

KN16007

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Timothy Bohlin

Facility Owner email

tbohlin7@gmail.com

Owner Phone

978-868-4872

Facility Address

1075 Montalona Rd

Facility Town/City

Dunbarton

Facility State

NH

Facility Zip

03046

Is the facility address the same as the owner's mailing address

- ☒ Yes
☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact (who should we call with questions)

Linda Modica

Contact Phone

Other Email Address

Facility Information

Class

II

Utility

Unitil

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

NON55434

Date of Initial Operation

07/02/2015

Facility Operator Name, if applicable

Panel Quantity

25

Panel Make

Suniva Optimus

Panel Model

Other

Panel Rated Output

275

System capacity based on panels

0.0688

Inverter Quantity

25

Inverter Make

Enphase Energy

Inverter Rated Output

250

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Add'l Inverter Model

Rated Output - Primary Inverter

250

Rated Output - Additional Inverter

System capacity based on single inverter make

0.62

System capacity based on two inverter types

System capacity in mW as stated on the interconnection agreement

6.25

Revenue Grade Meter Make

Enphase

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes
☒ No

Electrician Name & Number

Other

Other Electrician Name & Number

Big Sky Renewable Energy 13500M

Installation Company

Other

Other Installation Company Name

RGS Energy

Other Inst. Company Address

833B W South Boulder Rd

Other Inst. Company City

Louisville

Other Inst. Company State

CO

Other Inst. Company Zip

80027

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

https://fs30.formsite.com/jan1947/files/f-5-99-5883119_9QDK8gWa_Bohlin_SPIA.pdf

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-168-5883119_JxxuVEhg_Bohlin_COC.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-5883119_u748HBjl_Bohlin_NHOS.pdf

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Linda Modica

Date Signed

01/14/2016

UNITIL ENERGY SYSTEMS, INC. hereinafter as "UNITIL"
NH INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA (Continued)

Simplified Process Interconnection Application and Service Agreement

Contact Information:

Date Prepared: 12/9/2014

Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)

Customer or Company Name (print): Tim Bohlin Contact Person, if Company: _____

Mailing Address: 1075 Montalona Road

City: Dunbarton State: NH Zip Code: 03046

Telephone (Daytime): 603-774-5724 (Evening): _____

Facsimile Number: _____ E-Mail Address: tbohlin7@gmail.com

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Name: Carl Elwert

Mailing Address: 32 Taugwonk Spur A12

City: Stonington State: CT Zip Code: 06378

Telephone (Daytime): 860-535-9495 (Evening): _____

Facsimile Number: _____ E-Mail Address: ecincentives@realgoods.com

Electrical Contractor Contact Information (if appropriate):

Name: Craig Reekie Telephone: 860-535-9495

Mailing Address: 32 Taugwonk Spur A12

City: Stonington State: CT Zip Code: 06378

Facility Information:

Address of Facility: 1075 Montalona Road

City: Dunbarton State: NH Zip Code: 03046

Electric Service Company: Unitil Account Number: 1098395 Meter Number: 459933

Inverter Manufacturer: Enphase Energy Model Name and Number: M250-60-21L-S22 Quantity: 25

Nameplate Rating: 250 (kW) 46 (kVA) 240 (AC Volts) Single X or Three Phase

System Design Capacity: 6.875 (kVA) (kVA)

Net Metering: If renewably fueled, will the account be Net Metered? Yes X No

Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other

Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other

UL 1741.1 (IEEE 1547.1) Listed? Yes X No

Estimated Install Date: 5/1/2015 Estimated In-Service Date: 6/1/2015

Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: [Signature] Title: Home Owner Date: 12/10/2014

Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.

Approval to Install Facility (For Company use only)

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement and agreement to any system modifications, if required (Are system modifications required? Yes No X To be determined):

Company Signature: [Signature] Title: Mgr. Des. Date: Jan 26, 2015

Company waives inspection/witness test? Yes No X



UNITIL ENERGY SYSTEMS, INC.
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA (Continued)

Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

☐ Check if owner-installed

Customer(print): Tim Bohlin
Mailing Address: 1075 Montalona Rd
City: Dunbarton State: NH Zip Code: 03046
Telephone (Daytime): (603) 868-1877 (Evening): mobile: (978) 868-1877
Facsimile Number: N/A E-Mail Address: tbohlin7@gmail.com

Address of Facility (if different from above): same as above Text
City: _____ State: _____ Zip Code: _____

e

Electrical Contractor's Name (if appropriate): BigSky Renewable Energy LLC
Mailing Address: 4 Bicentennial Sq Suite 3A Unit 2
City: Concord State: NH Zip Code: 03301
Telephone (Daytime): 603.491.2702 (Evening): _____
Facsimile Number: 800.375.0838 E-Mail Address: info@bigskysolar.com
License number: 13500M

Date of approval to install Facility granted by the Company: 1/26/15

e

Application ID number: e

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

Dunbarton / Merrimack
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): Jonathan Wiggins

X Name (printed): Jonathan Wiggins

X Date: 7/2/15

As a condition of interconnection you are required to send/fax a copy of this form to:

Generator Interconnection Applications
Unitil
325 West Road
Portsmouth, NH 03801
Fax: 603-294-5226

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

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A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

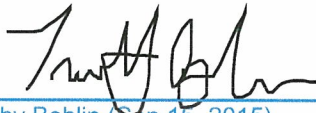
The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Timothy Bohlin

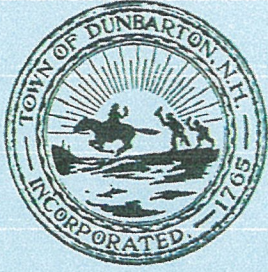
Printed Name of signature owner

A handwritten signature in black ink, appearing to read 'Timothy Bohlin', written over a horizontal line.

Timothy Bohlin (Sep 15, 2015)

Signature of system owner

THIS PERMIT IS TO BE POSTED AT JOB SITE
UNTIL ALL INSPECTIONS ARE COMPLETE



TOWN OF DUNBARTON, NEW HAMPSHIRE
BUILDING PERMIT

Date Issued: June 18, 2015

Permit #: 2015-49

Applicant or Owner: Tim Bohlin

Type of Construction: Roof Mounted Solar Array

Street Address: 1075 Montalona Road

Map and Lot#: D6-02-02 **District:** LDR

Inspections by appointment and with a 24 hour notice.

Inspections required:

Rough Plumbing / Electrical / Mechanical
Final

Date Passed

x 7/2/16

*Permit will become null and void if construction work has not started within 6 months of the date issued.
Work shall not proceed until inspector has approved the various stages of construction.*

All construction must meet IRC 2009 and current State Building Codes.

Notes: